

## Technical Data Sheet

### Hostacom TRC 160N C12616

Polypropylene Compounds



#### Product Description

Hostacom TRC 160N is a 15% talc filled PP copolymer, with excellent flowability, excellent impact/stiffness balance, good scratch resistance and outstanding surface appearance. This grade is delivered in customer customized colors, The product is available in different color matched, pellet form. This grade is delivered in C12616 color version.

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Application       | Interior Trims                                                     |
| Market            | Automotive                                                         |
| Processing Method | Injection Molding                                                  |
| Attribute         | Good Flow; Good Impact Resistance; Scratch Resistant; UV Resistant |

| Typical Properties                                        | Nominal Value | Units             | Test Method   |
|-----------------------------------------------------------|---------------|-------------------|---------------|
| <b>Physical</b>                                           |               |                   |               |
| Melt Flow Rate, (230 °C/2.16 kg)                          | 14            | g/10 min          | ISO 1133-1    |
| Density, (23 °C)                                          | 1.01          | g/cm <sup>3</sup> | ISO 1183-1/A  |
| <b>Mechanical</b>                                         |               |                   |               |
| Flexural Modulus, (23 °C, Tech. A)                        | 1700          | MPa               | ISO 178/A1    |
| Tensile Stress at Yield, (23 °C)                          | 18            | MPa               | ISO 527-1, -2 |
| <b>Impact</b>                                             |               |                   |               |
| Charpy Impact Strength - Notched                          |               |                   |               |
| (23 °C)                                                   | 40            | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| (-30 °C)                                                  | 4.5           | kJ/m <sup>2</sup> | ISO 179-1/1eA |
| <b>Thermal</b>                                            |               |                   |               |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 53            | °C                | ISO 75A-1, -2 |

#### Notes

These are typical property values not to be construed as specification limits.

